

This model has been incorporated, in part, into the ESRI Homeland Security Best Practices Model and is based on the Homeland Security Infrastructure Program (HSIP) National Critical Infrastructure and Urban Area Minimum Essential Data Sets (MEDS). **THIS MODEL IS IN DRAFT STATUS.**

Attribute Tables



Table **Airport_Detail**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **Bridge_Detail**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **Runway_Detail**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **Wastewater_Detail**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **StructureCode**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **StructureExternalCrosswalk**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **StructureProcessingParameters**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

Table **StructureStatus**

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
HazusID	String	Yes					5
HazusClass	String	Yes					11
HazusTract	String	Yes					40
Contact	String	Yes					25
Owner	String	Yes					25
PhoneNumber	String	Yes					25
YearBuilt	Long integer	Yes					0
Use	String	Yes					10
Width	Double	Yes					0
Length	Double	Yes					0
NumAmenities	Long integer	Yes					0
NumBerths	Long integer	Yes					0
NumCranes	Long integer	Yes					0
NumStories	Long integer	Yes					0
NumStudents	Long integer	Yes					0
NumTrucks	Long integer	Yes					0
Kitchen	Long integer	Yes					0
Cost	Double	Yes					0
BackupPower	Long integer	Yes					40
Area	Long integer	Yes					0
District	String	Yes					40
MaximumCapacity	Long integer	Yes					0
ShelterCapacity	Long integer	Yes					0
Traffic	Long integer	Yes					25
Comment	String	Yes					32
Permanent_Identifier	String	Yes					32

FEATURE CLASSES

Simple feature class **StructureComplex**

Geometry: Polygon
Contains M values: No
Contains Z values: No

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					20
Shape	Geometry	Yes					32
LoadDate	Date	No					8
Permanent_Identifier	String	Yes					32
COMPID	String	Yes					32
Shape_Length	Double	Yes					0
Shape_Area	Double	Yes					0